COMBINED PROGRAM MD AND PHD (BIOLOGY OPTION)

Undergraduate Medical Education (MD Program)
The program leading to the Doctor of Medicine degree includes 147 weeks of instruction (72 weeks of which are devoted to clinical work) scheduled over four calendar years.

Preclerkship is devoted to the teaching and learning of biomedical sciences, whereas Clerkship is devoted to clinical work. During medical studies, students should demonstrate the intelligence, the integrity, and the personal and emotional characteristics deemed necessary for competent physicians. Their behaviour must be consistent with an acceptable code of professional ethics, such as stated in the Faculty's Standards of Ethical and Professional Behaviour.

This program is offered in English and in French.

Program Contact Information
Undergraduate Medical Education (https://med.uottawa.ca/undergraduate)
451 Smyth Road, Room 2046
Ottawa, ON K1H 8M5
Tel.: 613-562-5800 ext. 8551
Toll free: 1-877-868-8292 ext. 8551
Email: medaca@uottawa.ca

Doctorate in Philosophy Biology
Ottawa-Carleton Joint Program
Established in 1984, the Ottawa-Carleton Institute of Biology (OCIB) combines the research strengths of the University of Ottawa and Carleton University. The Institute offers graduate programs leading to the master's (MSc) and doctoral (Phd) degrees in Biology.

Research facilities are shared between the two campuses. Students have access to the professors, courses and facilities at both universities.

The Institute is a participating unit in the collaborative program in Chemical and Environmental Toxicology (at the master's and doctoral levels).

Program Contact Information
Graduate Studies Office, Faculty of Science (https://science.uottawa.ca/en/faculty-services/graduate-studies)
30 Marie-Curie street, Gendron Hall, Room 181
Ottawa, Ontario, Canada
K1N 6N5
Tel.: 613-562-5800 x 3145
Email: gradsci@uOttawa.ca

Program Requirements
Requirements for this program have been modified. Please consult the 2018-2019 calendars (http://catalogue.uottawa.ca/en/archives) for the previous requirements.

Undergraduate Medical Education (MD Program)

Compulsory courses at the 1000 level
- ELE 1900 Clinical Placement - Non Mandatory Elective - First Year
- MED 1107 Community Week
- MED 1200 Introduction Unit to the Profession
- MED 1201 Foundations Unit
- MED 1202 Unit I
- MED 1302 Physician Skills Development (Part 1)

Compulsory courses at the 2000 level
- ELE 2900 Clinical Placement - Non Mandatory Elective - Second Year
- MED 2109 Mandatory Clinical Week
- MED 2201 Unit II
- MED 2202 Unit III
- MED 2203 Integration Unit
- MED 2302 Physician Skills Development (Part 2)

Compulsory courses at the 3000 level
- CLI 3101 Link Period
- CLI 3102 Surgery
- CLI 3103 Internal Medicine
- CLI 3104 Mandatory Selectives
- CLI 3106 Obstetrics and Gynecology
- CLI 3107 Pediatrics
- CLI 3108 Psychiatry
- CLI 3109 Family Medicine
- CLI 3110 Acute Care Medicine
- CLI 3111 Objective Structured Clinical Examination (OSCE)

Compulsory courses at the 4000 level
- CLI 4104 Electives
- CLI 4105 Back to Basics
- CLI 4106 Selective in Ambulatory Medicine
- MED 4101 Eportfolio on Core Competencies (Part 1)
- MED 4102 Eportfolio on Core Competencies (Part 2)
- MED 4103 Eportfolio on Core Competencies (Part 3)
- MED 4104 Eportfolio on Core Competencies (Part 4)

Doctorate in Philosophy Biology
The Department may require students to take additional courses depending on their backgrounds.

Twitter | Faculty of Science (https://twitter.com/uOttawaScience?lang=en)
Facebook | Faculty of Science (https://www.facebook.com/uOttawaScience)
Students must meet the following requirements:

**Compulsory Courses:**

<table>
<thead>
<tr>
<th>Course Units</th>
<th>Units</th>
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<tbody>
<tr>
<td>6 optional course units in biology (BIO) at the graduate level</td>
<td>6</td>
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**Comprehensive Examination:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>BIO 9998</td>
<td>Comprehensive Examination</td>
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**Seminar:**

<table>
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<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>BIO 8900</td>
<td>PhD Seminar</td>
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**Thesis:**

<table>
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<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>THD 9999</td>
<td>Doctoral Thesis</td>
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</table>

**Note(s)**

1. The optional course units may also be selected in related disciplines approved by the Department of Biology.
2. The comprehensive examination must be completed within twelve months of the initial admission into the program.
3. The seminar course involves the presentation of seminars and the regular attendance at the seminars presented by the Department.
4. Presentation and successful defence of a thesis based on original research carried out under the direct supervision of a faculty member of the Department.
5. Students are responsible for ensuring they have met all of the thesis requirements (http://www.uottawa.ca/graduate-studies/students/theses).

**Minimum Requirements (Doctorate)**

The passing grade in all courses is B.

Students who fail 6 units, or the thesis proposal, or the comprehensive exam, or whose progress is deemed unsatisfactory must withdraw from the program.